

Appendix D
Clinical Classification Software—Expanded Procedure Categories
(with all coding changes valid from January 1980 through September 2006ⁱ)

This document provides a listing of ICD-9-CM codes included in the multi-level CCS procedure categories.

| Procedure category | CCS code | ICD-9-CM code | | | | | | | |
|--------------------|--|---------------|----|------|------|------|------|------|------|
| 1 | Operations on the nervous system | 1 | 2 | 3 | 4 | 5 | 6 | 7 | - |
| | | 8 | 9 | | | | | | |
| 1.1 | Incision and excision of CNS | 1 | | | | | | | - |
| 1.1.1 | Craniotomy and craniectomy | - | | 0121 | 0122 | 0123 | 0124 | 0125 | |
| 1.1.2 | Incision of cerebral meninges | - | | 0131 | | | | | |
| 1.1.3 | Other incision and excision of CNS | - | | 0101 | 0109 | 0126 | 0127 | 0132 | 0139 |
| | | | | 0151 | 0152 | 0153 | 0159 | | |
| 1.2 | Insertion, replacement, or removal of extracranial ventricular shunt | 2 | | | | | | | - |
| 1.3 | Laminectomy, excision intervertebral disc | 3 | | | | | | | - |
| 1.3.1 | Excision of intervertebral disc | - | | 805 | 8050 | 8051 | 8059 | | |
| 1.3.2 | Laminectomy | - | | 0302 | 0309 | 8459 | 8460 | 8461 | 8462 |
| | | | | 8463 | 8464 | 8465 | 8466 | 8467 | 8468 |
| | | | | 8469 | | | | | |
| 1.4 | Diagnostic spinal tap | 4 | | | | | | | - |
| 1.5 | Insertion of catheter or spinal stimulator and injection into spinal canal | 5 | | | | | | | - |
| 1.6 | Decompression peripheral nerve | 6 | | | | | | | - |
| 1.6.1 | Release of carpal tunnel | - | | 0443 | | | | | |
| 1.6.2 | Other lysis of adhesion and decompression of peripheral nerves | - | | 0444 | 0449 | | | | |
| 1.7 | Other diagnostic nervous system procedures | 7 | | | | | | | - |
| 1.8 | Other non-OR or closed therapeutic nervous system procedures | 8 | | | | | | | - |
| 1.9 | Other OR therapeutic nervous system procedures | 9 | | | | | | | - |
| 2 | Operations on the endocrine system | 10 | 11 | 12 | | | | | - |
| 2.1 | Thyroidectomy, partial or complete | 10 | | | | | | | - |
| 2.2 | Diagnostic endocrine procedures | 11 | | | | | | | - |
| 2.3 | Other therapeutic endocrine procedures | 12 | | | | | | | - |
| | | | | 13 | 14 | 15 | 16 | | |

| | | | | | | | | | |
|-------|--|-------------------------|----------------------|----------------------|--------------------|--------------------|--------------|--------------|--|
| 3 | Operations on the eye | 17 18 19 20 21 | - | | | | | | |
| 3.1 | Corneal transplant | 13 | - | | | | | | |
| 3.2 | Glaucoma procedures | 14 | - | | | | | | |
| 3.3 | Lens and cataract procedures | 15 | - | | | | | | |
| 3.3.1 | Insertion of prosthetic lens | - | 1370 | 1371 | 1372 | | | | |
| 3.3.2 | Phacoemulsification and aspiration of cataract | - | 1341 | | | | | | |
| 3.3.3 | Other extracapsular extraction of lens | - | 1359 | | | | | | |
| 3.3.4 | Other lens and cataract procedures | - | 1311 1351 1366 | 1319 1361 1369 | 132 1362 138 | 133 1363 139 | 1342 1364 | 1343 1365 | |
| 3.4 | Repair of retinal tear, detachment | 16 | - | | | | | | |
| 3.5 | Destruction of lesion of retina and choroid | 17 | - | | | | | | |
| 3.6 | Diagnostic procedures on eye | 18 | - | | | | | | |
| 3.7 | Other therapeutic procedures on eyelids, conjunctiva, cornea | 19 | - | | | | | | |
| 3.8 | Other intraocular therapeutic procedures | 20 | - | | | | | | |
| 3.9 | Other extraocular muscle and orbit therapeutic procedures | 21 | - | | | | | | |
| 4 | Operations on the ear | 22 23 24 25 26 | - | | | | | | |
| 4.1 | Tympanoplasty | 22 | - | | | | | | |
| 4.2 | Myringotomy | 23 | - | | | | | | |
| 4.3 | Mastoidectomy | 24 | - | | | | | | |
| 4.4 | Diagnostic procedures on ear | 25 | - | | | | | | |
| 4.5 | Other therapeutic ear procedures | 26 | - | | | | | | |
| 5 | Operations on the nose, mouth, and pharynx | 27 28 29 30 31 32 33 | - | | | | | | |
| 5.1 | Control of epistaxis | 27 | - | | | | | | |
| 5.2 | Plastic procedures on nose | 28 | - | | | | | | |
| 5.3 | Dental procedures | 29 | - | | | | | | |
| 5.4 | Tonsillectomy and/or adenoidectomy | 30 | - | | | | | | |
| 5.4.1 | Tonsillectomy without adenoidectomy | - | 282 | | | | | | |
| 5.4.2 | Tonsillectomy with adenoidectomy | - | 283 | | | | | | |
| 5.4.3 | Adenoidectomy without tonsillectomy | - | 286 | | | | | | |
| 5.4.4 | Control of hemorrhage after tonsillectomy or adenoidectomy | - | 287 | | | | | | |

| | | | | | | | | | |
|-------|--|----------------------------------|------|------|------|------|------|------|--|
| 5.5 | Diagnostic procedures on nose, mouth and pharynx | 31 | - | | | | | | |
| 5.5.1 | Diagnostic procedures on nasal sinuses | - | 2211 | 2212 | 2219 | | | | |
| 5.5.2 | Other diagnostic procedures on nose, mouth and pharynx | - | 2121 | 2122 | 2129 | 2411 | 2412 | 2419 | |
| | | | 2501 | 2502 | 2509 | 2611 | 2612 | 2619 | |
| | | | 2721 | 2722 | 2723 | 2724 | 2729 | 2811 | |
| | | | 2819 | 2911 | 2912 | 2919 | | | |
| 5.6 | Other non-OR therapeutic procedures on nose, mouth and pharynx | 32 | - | | | | | | |
| 5.6.1 | Non-OR procedures on nasal sinuses | - | 2200 | 2201 | 2202 | 222 | 2264 | | |
| 5.6.2 | Other non-OR procedures on nasal sinuses | - | 211 | 2130 | 2131 | 2132 | 2171 | 2191 | |
| | | | 240 | 2431 | 2432 | 2439 | 2551 | 2591 | |
| | | | 2592 | 2593 | 260 | 2691 | 2741 | 2751 | |
| | | | 2752 | 2791 | 2991 | 9621 | 9653 | 9721 | |
| | | | 9732 | | | | | | |
| 5.7 | Other OR therapeutic procedures on nose, mouth and pharynx | 33 | - | | | | | | |
| 5.7.1 | OR procedures on nasal sinuses | - | 2231 | 2239 | 2241 | 2242 | 2250 | 2251 | |
| | | | 2252 | 2253 | 2260 | 2261 | 2262 | 2263 | |
| | | | 2271 | 2279 | | | | | |
| 5.7.2 | Excision salivary gland | - | 2630 | 2631 | 2632 | | | | |
| 5.7.3 | Repair cleft lip | - | 2754 | | | | | | |
| 5.7.4 | Correction cleft palate | - | 2762 | | | | | | |
| 5.7.5 | Incision and drainage of tonsils | - | 280 | | | | | | |
| 5.7.6 | Other procedures on nose, mouth and pharynx | - | 214 | 2161 | 2162 | 2169 | 2172 | 2199 | |
| | | | 229 | 242 | 251 | 252 | 253 | 254 | |
| | | | 2559 | 2594 | 2599 | 2621 | 2629 | 2641 | |
| | | | 2642 | 2649 | 2699 | 270 | 271 | 2731 | |
| | | | 2732 | 2742 | 2743 | 2749 | 2753 | 2755 | |
| | | | 2756 | 2757 | 2759 | 2761 | 2763 | 2764 | |
| | | | 2771 | 2772 | 2773 | 2779 | 2792 | 2799 | |
| | | | 284 | 285 | 2891 | 2892 | 2899 | 290 | |
| | | | 292 | 293 | 2931 | 2932 | 2933 | 2939 | |
| | | | 294 | 2951 | 2952 | 2953 | 2954 | 2959 | |
| | | | 2992 | 2999 | | | | | |
| 6 | Operations on the respiratory system | 34 35 36 37 38 39 40 41 42 | - | | | | | | |
| 6.1 | Tracheostomy, temporary and permanent | 34 | - | | | | | | |
| 6.2 | Tracheoscopy and laryngoscopy with biopsy | 35 | - | | | | | | |
| 6.3 | Lobectomy or pneumonectomy | 36 | - | | | | | | |
| 6.4 | Diagnostic bronchoscopy and biopsy of bronchus | 37 | - | | | | | | |

| | | | | | | | | |
|-------|---|---|-------------|--------------|--------------|--------------|------|------|
| 6.4.1 | Bronchoscopy without biopsy | - | 3322 | 3323 | | | | |
| 6.4.2 | Endoscopic biopsy of bronchus | - | 3324 | | | | | |
| 6.4.3 | Needle biopsy of lung | - | 3326 | | | | | |
| 6.4.4 | Endoscopic biopsy of lung | - | 3327 | | | | | |
| 6.5 | Other diagnostic procedures on lung and bronchus | 38 | - | | | | | |
| 6.6 | Incision of pleura, thoracentesis, chest drainage | 39 | - | | | | | |
| 6.6.1 | Closed chest drainage | - | 3404 | | | | | |
| 6.6.2 | Open chest drainage | - | 3409 | | | | | |
| 6.6.3 | Thoracentesis | - | 3491 | | | | | |
| 6.7 | Other diagnostic procedures of respiratory tract and mediastinum | 40 | - | | | | | |
| 6.8 | Other non-OR therapeutic procedures on respiratory system | 41 | - | | | | | |
| 6.9 | Other OR therapeutic procedures on respiratory system | 42 | - | | | | | |
| 7 | Operations on the cardiovascular system | 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 | - | | | | | |
| 7.1 | Heart valve procedures | 43 | - | | | | | |
| 7.2 | Coronary artery bypass graft (CABG) | 44 | - | | | | | |
| 7.2.1 | Bypass of one coronary artery | - | 3611 | | | | | |
| 7.2.2 | Bypass of two coronary arteries | - | 3612 | | | | | |
| 7.2.3 | Bypass of three coronary arteries | - | 3613 | | | | | |
| 7.2.4 | Bypass of four coronary arteries | - | 3614 | | | | | |
| 7.2.5 | Other bypass of coronary arteries | - | 3610 363 | 3615 3631 | 3616 3632 | 3617 3639 | 3619 | 362 |
| 7.3 | Percutaneous transluminal coronary angioplasty (PTCA) | 45 | - | | | | | |
| 7.3.1 | Single vessel PTCA | - | 0066 | 3601 | 3602 | | | |
| 7.3.2 | Multiple vessel PTCA | - | 3605 | | | | | |
| 7.4 | Coronary thrombolysis | 46 | - | | | | | |
| 7.5 | Diagnostic cardiac catheterization, coronary arteriography | 47 | - | | | | | |
| 7.5.1 | Coronary arteriography | - | 8852 | 8853 | 8854 | 8855 | 8856 | 8857 |
| 7.5.2 | Cardiac catheterization | - | 3721 | 3722 | 3723 | | | |
| 7.6 | Insertion, revision, replacement, removal of cardiac pacemaker or | 48 | - | | | | | |

| | | | | | | | | |
|----------------------------|--|----|---|---|--|--|--|--|
| cardioverter/defibrillator | | | | | | | | |
| 7.6.1 | Insertion, revision, replacement, or removal of pacemaker leads | - | 0052 3775 | 3770 3776 | 3771 3777 | 3772 3778 | 3773 3779 | 3774 |
| 7.6.2 | Insertion, revision, replacement, or removal of pacemaker device | - | 0050 3785 | 0053 3786 | 3780 3787 | 3781 3789 | 3782 | 3783 |
| 7.6.3 | Insertion, revision, replacement, or removal of cardioverter/defibrillator | - | 0051 3798 | 0054 | 3794 | 3795 | 3796 | 3797 |
| 7.7 | Other OR heart procedures | 49 | - | | | | | |
| 7.8 | Extracorporeal circulation auxiliary to open heart procedures | 50 | - | | | | | |
| 7.9 | Endarterectomy, vessel of head and neck | 51 | - | | | | | |
| 7.10 | Aortic resection, replacement or anastomosis | 52 | - | | | | | |
| 7.11 | Varicose vein stripping, lower limb | 53 | - | | | | | |
| 7.12 | Other vascular catheterization, not heart | 54 | - | | | | | |
| 7.12.1 | Arterial catheterization | - | 3891 | | | | | |
| 7.12.2 | Umbilical vein catheterization | - | 3892 | | | | | |
| 7.12.3 | Venous catheterization | - | 3893 | | | | | |
| 7.13 | Peripheral vascular bypass | 55 | - | | | | | |
| 7.14 | Other vascular bypass and shunt, not heart | 56 | - | | | | | |
| 7.15 | Creation, revision and removal of arteriovenous fistula or vessel-to-vessel cannula for dialysis | 57 | - | | | | | |
| 7.16 | Hemodialysis | 58 | - | | | | | |
| 7.17 | Other OR procedures on vessels of head and neck | 59 | - | | | | | |
| 7.18 | Embolectomy and endarterectomy of lower limbs | 60 | - | | | | | |
| 7.19 | Other OR procedures on vessels other than head and neck | 61 | - | | | | | |
| 7.19.1 | Interrupt vena cava | - | 387 | | | | | |
| 7.19.2 | Other OR procedures on blood vessels | - | 0040 0047 3816 3838 3847 3857 3868 3886 3932 3954 397 | 0041 0048 3830 3839 3848 3860 3869 3887 3941 3955 398 | 0042 3807 3833 3840 3849 3863 3880 3888 3949 3956 3990 | 0043 3809 3835 3843 3850 3865 3883 3889 3951 3957 3991 | 0045 3810 3836 3845 3853 3866 3884 3930 3952 3958 3992 | 0046 3813 3837 3846 3855 3867 3885 3931 3953 3959 3994 |
| | | | 3998 | 3999 | | | | |

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|-------|--|-------------|------|------|------|------|------|------|
| 7.20 | Other diagnostic cardiovascular procedures | 62 | - | | | | | |
| 7.21 | Other non-OR therapeutic cardiovascular procedures | 63 | - | | | | | |
| 8 | Operations on the hemic and lymphatic system | 64 65 66 67 | - | | | | | |
| 8.1 | Bone marrow transplant | 64 | - | | | | | |
| 8.2 | Bone marrow biopsy | 65 | - | | | | | |
| 8.3 | Procedures on spleen | 66 | - | | | | | |
| 8.4 | Other therapeutic procedures, hemic and lymphatic system | 67 | - | | | | | |
| 8.4.1 | Biopsy of lymphatic structure | - | 4011 | | | | | |
| 8.4.2 | Simple excision of lymphatic structure | - | 4021 | 4022 | 4023 | 4024 | 4029 | |
| 8.4.3 | Regional lymph node excision | - | 403 | | | | | |
| 8.4.4 | Radical excision lymph nodes | - | 4040 | 4041 | 4042 | 4050 | 4051 | 4052 |
| | | | 4053 | 4054 | 4059 | | | |
| 8.4.5 | Other hemic and lymphatic procedures | - | 400 | 4019 | 4061 | 4062 | 4063 | 4064 |
| | | | 4069 | 409 | 4132 | 4133 | 4138 | 4139 |
| | | | 4191 | 4192 | 4198 | | | |
| | Operations on the digestive system | 68 69 70 71 | - | | | | | |
| | | 72 73 74 75 | | | | | | |
| | | 76 77 78 79 | | | | | | |
| | | 80 81 82 83 | | | | | | |
| | | 84 85 86 87 | | | | | | |
| | | 88 89 90 91 | | | | | | |
| | | 92 93 94 95 | | | | | | |
| | | 96 97 98 99 | | | | | | |
| 9.1 | Therapeutic procedures on the esophagus | 68 69 | - | | | | | |
| 9.1.1 | Injection or ligation of esophageal varices | 68 | - | | | | | |
| 9.1.2 | Esophageal dilatation | 69 | - | | | | | |
| 9.2 | Upper gastrointestinal endoscopy, biopsy | 70 | - | | | | | |
| 9.2.1 | Esophagoscopy | - | 4223 | 4224 | | | | |
| 9.2.2 | Gastroscopy | - | 4413 | 4414 | | | | |
| 9.2.3 | Esophagogastroduodenoscopy (EGD) without biopsy | - | 4513 | | | | | |
| 9.2.4 | Esophagogastroduodenoscopy (EGD) with biopsy | - | 4516 | | | | | |
| 9.2.5 | Endoscopic biopsy small intestine | - | 4514 | | | | | |
| 9.3 | Gastrostomy, temporary and permanent | 71 | - | | | | | |
| 9.4 | Colostomy, temporary and permanent | 72 | - | | | | | |
| 9.5 | Ileostomy and other enterostomy | 73 | - | | | | | |

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|------|---|----|------|------|------|------|------|------|--|
| 9.6 | Gastrectomy, partial and total | 74 | - | | | | | | |
| 9.7 | Small bowel resection | 75 | - | | | | | | |
| 9.8 | Colonoscopy and biopsy | 76 | - | | | | | | |
| | 9.8.1 Closed endoscopic biopsy of large intestine | - | 4525 | | | | | | |
| | 9.8.2 Other endoscopy of large intestine | - | 4523 | 4524 | | | | | |
| 9.9 | Proctoscopy and anorectal biopsy | 77 | - | | | | | | |
| 9.10 | Colorectal resection | 78 | - | | | | | | |
| | 9.10.1 Right hemicolectomy | - | 4573 | | | | | | |
| | 9.10.2 Left hemicolectomy | - | 4575 | | | | | | |
| | 9.10.3 Sigmoidectomy | - | 4576 | | | | | | |
| | 9.10.4 Resection of rectum | - | 4841 | 4849 | 485 | 4861 | 4862 | 4863 | |
| | | | 4864 | 4865 | 4866 | 4869 | | | |
| | 9.10.5 Other colorectal resections | - | 4571 | 4572 | 4574 | 4579 | 458 | | |
| 9.11 | Local excision of large intestine lesion (not endoscopic) | 79 | - | | | | | | |
| 9.12 | Appendectomy | 80 | - | | | | | | |
| 9.13 | Hemorrhoid procedures | 81 | - | | | | | | |
| 9.14 | Endoscopic retrograde cannulation of pancreas (ERCP) | 82 | - | | | | | | |
| 9.15 | Biopsy of liver | 83 | - | | | | | | |
| 9.16 | Cholecystectomy and common duct exploration | 84 | - | | | | | | |
| | 9.16.1 Open cholecystectomy | - | 5121 | 5122 | | | | | |
| | 9.16.2 Laparoscopic cholecystectomy | - | 5123 | 5124 | | | | | |
| | 9.16.3 Incision of bile duct | - | 5141 | 5142 | 5143 | 5149 | 5151 | 5159 | |
| 9.17 | Inguinal and femoral hernia repair | 85 | - | | | | | | |
| | 9.17.1 Unilateral repair inguinal hernia | - | 5300 | 5301 | 5302 | 5303 | 5304 | 5305 | |
| | 9.17.2 Bilateral repair inguinal hernia | - | 5310 | 5311 | 5312 | 5313 | 5314 | 5315 | |
| | | | 5316 | 5317 | | | | | |
| | 9.17.3 Femoral hernia repair | - | 5321 | 5329 | 5331 | 5339 | | | |
| 9.18 | Other hernia repair | 86 | - | | | | | | |
| | 9.18.1 Umbilical hernia repair | - | 5341 | 5349 | | | | | |
| | 9.18.2 Incisional hernia repair | - | 5351 | 5361 | | | | | |
| | 9.18.3 Other abdominal wall hernia repair | - | 5359 | 5369 | | | | | |
| | 9.18.4 Other hernia repair | - | 537 | 5380 | 5381 | 5382 | 539 | | |
| 9.19 | Laparoscopy | 87 | - | | | | | | |
| 9.20 | Abdominal paracentesis | 88 | - | | | | | | |

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|--------|--|----|---|-----------|
| 9.21 | Exploratory laparotomy | 89 | - | |
| 9.22 | Excision, lysis peritoneal adhesions | 90 | - | |
| 9.23 | Peritoneal dialysis | 91 | - | |
| 9.24 | Other bowel diagnostic procedures | 92 | - | |
| 9.25 | Other non-OR upper GI therapeutic procedures | 93 | - | |
| 9.26 | Other OR upper GI therapeutic procedures | 94 | - | |
| 9.27 | Other non-OR lower GI therapeutic procedures | 95 | - | |
| 9.28 | Other OR lower GI therapeutic procedures | 96 | - | |
| 9.28.1 | Closure of stoma of large intestine | - | | 4652 |
| 9.28.2 | Local excision of rectal lesion | - | | 4835 |
| 9.28.3 | Incision of perirectal tissue | - | | 4881 |
| 9.28.4 | Incision of perianal abscess | - | | 4901 |
| 9.28.5 | Incision/excision of anal fistula | - | | 4911 4912 |

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|--------|---|-------------|------|------|------|------|------|------|
| 9.28.6 | Other lower GI procedures | - | 4500 | 4501 | 4502 | 4503 | 4531 | 4532 |
| | | | 4533 | 4534 | 4549 | 4550 | 4551 | 4552 |
| | | | 4590 | 4591 | 4592 | 4593 | 4594 | 4595 |
| | | | 4601 | 4602 | 4603 | 4604 | 4640 | 4641 |
| | | | 4642 | 4643 | 4650 | 4651 | 4660 | 4661 |
| | | | 4662 | 4663 | 4664 | 4671 | 4672 | 4673 |
| | | | 4674 | 4675 | 4676 | 4679 | 4680 | 4681 |
| | | | 4682 | 4691 | 4692 | 4693 | 4694 | 4699 |
| | | | 472 | 4791 | 4792 | 4799 | 480 | 481 |
| | | | 4871 | 4872 | 4873 | 4874 | 4875 | 4876 |
| | | | 4879 | 4882 | 4891 | 4892 | 4893 | |
| | | | 4959 | 496 | 4971 | 4972 | 4973 | 4974 |
| | | | 4975 | 4976 | 4979 | 4991 | 4992 | 4993 |
| | | | 4994 | 4995 | 4999 | | | |
| 9.29 | Other gastrointestinal diagnostic procedures | 97 | - | | | | | |
| 9.30 | Other non-OR gastrointestinal therapeutic procedures | 98 | - | | | | | |
| 9.31 | Other OR gastrointestinal therapeutic procedures | 99 | - | | | | | |
| 9.31.1 | Radical pancreaticoduodenectomy | - | 527 | | | | | |
| 9.31.2 | Incision abdominal wall | - | 540 | | | | | |
| 9.31.3 | Excision or destruction of peritoneal tissue | - | 544 | | | | | |
| 9.31.4 | Creation of cutaneoperitoneal fistula | - | 5493 | | | | | |
| 9.31.5 | Other gastrointestinal therapeutic procedures | - | 500 | 5021 | 5022 | 5029 | 503 | 504 |
| | | | 5061 | 5069 | 5102 | 5103 | 5104 | 5131 |
| | | | 5132 | 5133 | 5134 | 5135 | 5136 | 5137 |
| | | | 5139 | 5161 | 5162 | 5163 | 5169 | 5171 |
| | | | 5172 | 5179 | 5181 | 5182 | 5183 | 5189 |
| | | | 5191 | 5192 | 5193 | 5194 | 5195 | 5199 |
| | | | 5201 | 5209 | 522 | 5222 | 523 | 524 |
| | | | 5251 | 5252 | 5253 | 5259 | 526 | 5292 |
| | | | 5295 | 5296 | 5299 | 5412 | 5419 | 543 |
| | | | 5461 | 5462 | 5463 | 5464 | 5471 | 5472 |
| | | | 5473 | 5474 | 5475 | 5492 | 5494 | 5495 |
| 10 | Operations on the urinary system | 100 101 102 | - | | | | | |
| | | 103 104 105 | | | | | | |
| | | 106 107 108 | | | | | | |
| | | 109 110 111 | | | | | | |
| | | 112 | | | | | | |
| 10.1 | Cystoscopy and other transurethral procedures | 100 101 102 | - | | | | | |
| 10.1.1 | Endoscopy and endoscopic biopsy of the urinary tract | 100 | - | | | | | |
| 10.1.2 | Transurethral excision, drainage, or removal of urinary obstruction | 101 | - | | | | | |
| 10.1.3 | Ureteral catheterization | 102 | - | | | | | |

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|--------|--|---|---|--|--|--|--|--|--|
| 10.2 | Nephrotomy and nephrostomy | 103 | - | | | | | | |
| 10.3 | Nephrectomy, partial or complete | 104 | - | | | | | | |
| 10.4 | Kidney transplant | 105 | - | | | | | | |
| 10.5 | Genitourinary incontinence procedures | 106 | - | | | | | | |
| 10.6 | Extracorporeal lithotripsy, urinary | 107 | - | | | | | | |
| 10.7 | Indwelling catheter | 108 | - | | | | | | |
| 10.8 | Procedures on the urethra | 109 | - | | | | | | |
| 10.9 | Other diagnostic procedures of urinary tract | 110 | - | | | | | | |
| 10.10 | Other non-OR therapeutic procedures of urinary tract | 111 | - | | | | | | |
| 10.11 | Other OR therapeutic procedures of urinary tract | 112 | - | | | | | | |
| 11 | Operations on the male genital organs | 113 114 115 116 117 118 | - | | | | | | |
| 11.1 | Transurethral resection of prostate (TURP) | 113 | - | | | | | | |
| 11.2 | Open prostatectomy | 114 | - | | | | | | |
| 11.3 | Circumcision | 115 | - | | | | | | |
| 11.4 | Diagnostic procedures, male genital | 116 | - | | | | | | |
| 11.5 | Other non-OR therapeutic procedures, male genital | 117 | - | | | | | | |
| 11.6 | Other OR therapeutic procedures, male genital | 118 | - | | | | | | |
| 11.6.1 | Unilateral orchiectomy | - | 623 | | | | | | |
| 11.6.2 | Bilateral orchiectomy | - | 6241 | | | | | | |
| 11.6.3 | Orchiopexy | - | 625 | | | | | | |
| 11.6.4 | Insert or replace penile prosthesis | - | 6495 6497 | | | | | | |
| 11.6.5 | Other male genital procedures | - | 600 6072 6073 6079 6081 6082 6093 6094 6099 612 6142 6149 6192 6199 620 622 6242 6261 6269 627 6299 631 632 633 634 6351 6353 6359 6381 6382 6383 6385 6389 6392 6393 6394 6395 6399 642 643 6441 6442 6443 6444 6445 6449 645 6492 6493 6496 6498 6499 | | | | | | |
| 12 | Operations on the female genital organs | 119 120 121 123 124 125 126 127 128 129 130 131 132 | - | | | | | | |
| 12.1 | Oophorectomy, unilateral and bilateral | 119 | - | | | | | | |

| | | | | | | | | |
|--------|---|-----|------|------|------|------|------|-----|
| 12.2 | Other operations on ovary | 120 | - | | | | | |
| 12.3 | Ligation of fallopian tubes | 121 | - | | | | | |
| 12.4 | Other operations on fallopian tubes | 123 | - | | | | | |
| 12.5 | Hysterectomy, abdominal and vaginal | 124 | - | | | | | |
| 12.5.1 | Total abdominal hysterectomy | - | 684 | | | | | |
| 12.5.2 | Vaginal hysterectomy | - | 685 | 6851 | 6859 | | | |
| 12.5.3 | Other hysterectomy | - | 683 | 6831 | 6839 | 686 | 687 | 689 |
| 12.6 | Other excision of cervix and uterus | 125 | - | | | | | |
| 12.7 | Abortion (termination of pregnancy) | 126 | - | | | | | |
| 12.8 | Dilatation and curettage (D&C), aspiration after delivery or abortion | 127 | - | | | | | |
| 12.9 | Diagnostic dilatation and curettage (D&C) | 128 | - | | | | | |
| 12.10 | Repair of cystocele and rectocele, obliteration of vaginal vault | 129 | - | | | | | |
| 12.11 | Other diagnostic procedures, female organs | 130 | - | | | | | |
| 12.12 | Other non-OR therapeutic procedures, female organs | 131 | - | | | | | |
| 12.13 | Other OR therapeutic procedures, female organs | 132 | - | | | | | |
| 13 | Obstetrical procedures | 122 | 133 | 134 | - | | | |
| | | 135 | 136 | 137 | | | | |
| | | 138 | 139 | 140 | | | | |
| | | 141 | | | | | | |
| 13.1 | Episiotomy | 133 | - | | | | | |
| 13.2 | Cesarean section | 134 | - | | | | | |
| 13.3 | Forceps, vacuum, and breech delivery | 135 | - | | | | | |
| 13.3.1 | Low forceps delivery with episiotomy | - | 721 | | | | | |
| 13.3.2 | Vacuum extraction with episiotomy | - | 7271 | | | | | |
| 13.3.3 | Other vacuum extraction | - | 7279 | | | | | |
| 13.3.4 | Other forceps or breech delivery | - | 720 | 7221 | 7229 | 7231 | 7239 | 724 |
| | | | 7251 | 7252 | 7253 | 7254 | 726 | 728 |
| | | | 729 | 733 | | | | |
| 13.4 | Artificial rupture of membranes to assist delivery | 136 | - | | | | | |
| 13.5 | Other procedures to assist delivery | 137 | - | | | | | |
| 13.5.1 | Induction of labor by artificial rupture of membranes | - | 7301 | | | | | |
| 13.5.2 | Medical induction of labor | - | 734 | | | | | |

| | | | | | | | | |
|--------|---|-----|------|------|------|------|-----|------|
| 13.5.3 | Other manually assisted labor | - | 7359 | | | | | |
| 13.5.4 | Other delivery procedures | - | 731 | 7321 | 7322 | 7351 | 738 | 7391 |
| | | | 7392 | 7393 | 7394 | 7399 | | |
| 13.6 | Diagnostic amniocentesis | 138 | - | | | | | |
| 13.7 | Fetal monitoring | 139 | - | | | | | |
| 13.8 | Repair of current obstetric laceration | 140 | - | | | | | |
| 13.8.1 | Repair of obstetric laceration of uterus or cervix | - | 7550 | 7551 | 7552 | | | |
| 13.8.2 | Repair of obstetric laceration of bladder or urethra | - | 7561 | | | | | |
| 13.8.3 | Repair of obstetric laceration of rectum or sphincter | - | 7562 | | | | | |
| 13.8.4 | Repair of other obstetric laceration | - | 7569 | | | | | |
| 13.9 | Other therapeutic obstetrical procedures | 141 | - | | | | | |
| 13.10 | Removal of ectopic pregnancy | 122 | - | | | | | |
| 14 | Operations on the musculoskeletal system | 142 | 143 | 144 | - | | | |
| | | | 145 | 146 | 147 | | | |
| | | | 148 | 149 | 150 | | | |
| | | | 151 | 152 | 153 | | | |
| | | | 154 | 155 | 156 | | | |
| | | | 157 | 158 | 159 | | | |
| | | | 160 | 161 | 162 | | | |
| | | | 163 | 164 | | | | |
| 14.1 | Partial excision bone | 142 | - | | | | | |
| 14.2 | Bunionectomy or repair of toe deformities | 143 | - | | | | | |
| 14.3 | Treatment of fracture or dislocation | 144 | 145 | 146 | - | | | |
| | | | 147 | 148 | | | | |
| 14.3.1 | Treatment, facial fracture or dislocation | 144 | - | | | | | |
| 14.3.2 | Treatment, fracture or dislocation of radius and ulna | 145 | - | | | | | |
| 14.3.3 | Treatment, fracture or dislocation of hip and femur | 146 | - | | | | | |
| 14.3.4 | Treatment, fracture or dislocation of lower extremity (other than hip or femur) | 147 | - | | | | | |
| 14.3.5 | Other fracture and dislocation procedure | 148 | - | | | | | |

| | | | | | | | | | |
|---------|---|-------------|--|--|--|--|--|---|--|
| 14.4 | Arthroscopy | 149 | - | | | | | | |
| 14.4.1 | Arthroscopy of knee | - | 8026 | | | | | | |
| 14.4.2 | Other arthroscopy | - | 8020 8027 | 8021 8028 | 8022 8029 | 8023 | 8024 | 8025 | |
| 14.5 | Division of joint capsule, ligament or cartilage | 150 | - | | | | | | |
| 14.6 | Excision of semilunar cartilage of knee | 151 | - | | | | | | |
| 14.7 | Arthroplasty | 152 153 154 | - | | | | | | |
| 14.7.1 | Arthroplasty knee | 152 | - | | | | | | |
| 14.7.2 | Hip replacement, total and partial | 153 | - | | | | | | |
| 14.7.3 | Arthroplasty other than hip or knee | 154 | - | | | | | | |
| 14.8 | Arthrocentesis | 155 | - | | | | | | |
| 14.9 | Injections and aspirations of muscles, tendons, bursa, joints and soft tissue | 156 | - | | | | | | |
| 14.10 | Amputation of lower extremity | 157 | - | | | | | | |
| 14.10.1 | Amputation of toe | - | 8411 | | | | | | |
| 14.10.2 | Amputation through foot | - | 8412 | | | | | | |
| 14.10.3 | Below knee amputation | - | 8415 | | | | | | |
| 14.10.4 | Above knee amputation | - | 8417 | | | | | | |
| 14.10.5 | Other lower extremity amputation | - | 8410 | 8413 | 8414 | 8416 | 8418 | 8419 | |
| 14.11 | Spinal fusion | 158 | 8162 | 8163 | 8164 | | | | |
| 14.12 | Other diagnostic procedures on musculoskeletal system | 159 | - | | | | | | |
| 14.13 | Other therapeutic procedures on muscles and tendons | 160 | - | | | | | | |
| 14.13.1 | Rotator cuff repair | - | 8363 | | | | | | |
| 14.13.2 | Other suture of muscle, tendon and fascia | - | 8361 | 8362 | 8364 | 8365 | | | |
| 14.13.3 | Other muscle and tendon procedures | - | 8201 8212 8232 8241 8251 8257 8272 8285 8302 8314 8342 8371 8377 8385 8392 | 8202 8219 8233 8242 8252 8258 8279 8286 8303 8319 8343 8372 8379 8386 8393 | 8203 8221 8234 8243 8253 8259 8281 8289 8309 8331 8344 8373 8381 8387 8399 | 8204 8222 8235 8244 8254 8261 8282 8291 8311 8332 8345 8374 8382 8388 | 8209 8229 8236 8245 8255 8269 8283 8299 8312 8339 8349 8375 8383 8389 | 8211 8231 8239 8246 8256 8271 8284 8301 8313 8341 835 8376 8384 8391 | |

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|--------|---|--|---|--|--|--|--|---|-------------------------------------|
| 14.14 | Other OR therapeutic procedures on bone | 161 | - | | | | | | |
| 14.15 | Other OR therapeutic procedures on joints | 162 | - | | | | | | |
| 14.16 | Other non-OR therapeutic procedures on musculoskeletal system | 163 | - | | | | | | |
| 14.17 | Other OR therapeutic procedures on musculoskeletal system | 164 | - | | | | | | |
| 15 | Operations on the integumentary system | 165 166 167 168 169 170 171 172 173 174 175 | - | | | | | | |
| 15.1 | Procedures on the breast | 165 166 167 | - | | | | | | |
| 15.1.1 | Breast biopsy and other diagnostic procedures on breast | 165 | - | | | | | | |
| 15.1.2 | Lumpectomy, quadrantectomy of breast | 166 | - | | | | | | |
| 15.1.3 | Mastectomy | 167 | - | | | | | | |
| 15.2 | Incision and drainage, skin and subcutaneous tissue | 168 | - | | | | | | |
| 15.3 | Debridement of wound, infection or burn | 169 | - | | | | | | |
| 15.4 | Excision of skin lesion | 170 | - | | | | | | |
| 15.5 | Suture of skin and subcutaneous tissue | 171 | - | | | | | | |
| 15.6 | Skin graft | 172 | - | | | | | | |
| 15.7 | Other diagnostic procedures on skin and subcutaneous tissue | 173 | - | | | | | | |
| 15.8 | Other non-OR therapeutic procedures on skin and breast | 174 | - | | | | | | |
| 15.8.1 | Aspiration of skin and subcutaneous tissue | - | | 8601 | | | | | |
| 15.8.2 | Insertion of totally implantable vascular access device | - | | 8607 | | | | | |
| 15.8.3 | Debridement of nail | - | | 8627 | | | | | |
| 15.8.4 | Other skin and breast procedures, non-OR | - | | 850 8602 8626 | 8551 8603 8692 | 8552 8605 8699 | 8581 8609 | 8591 8623 | 8592 8624 |
| 15.9 | Other OR therapeutic procedures on skin and breast | 175 | - | | | | | | |
| 15.9.1 | Bilateral reduction mammoplasty | - | | 8532 | | | | | |
| 15.9.2 | Excision pilonidal cyst or sinus | - | | 8621 | | | | | |
| 15.9.3 | Other skin and breast procedures, OR | - | | 8524 8536 8582 8589 8606 8685 | 8525 8550 8583 8593 8625 8686 | 8531 8553 8584 8594 8681 8689 | 8533 8554 8585 8595 8682 8691 | 8534 856 8586 8596 8683 8693 | 8535 857 8587 8599 8684 |

| | | | |
|-------|--|---|------|
| 16 | Miscellaneous diagnostic and therapeutic procedures | 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 | - |
| 16.1 | Other organ transplantation | 176 | 3751 |
| 16.2 | Computerized axial tomography (CT) scan | 177 178 179 180 | - |
| | 16.2.1 Computerized axial tomography (CT) scan head | 177 | - |
| | 16.2.2 CT scan chest | 178 | - |
| | 16.2.3 CT scan abdomen | 179 | - |
| | 16.2.4 Other CT scan | 180 | - |
| 16.3 | Myelogram | 181 | - |
| 16.4 | Mammography | 182 | - |
| 16.5 | Routine chest X-ray | 183 | - |
| 16.6 | Intraoperative cholangiogram | 184 | - |
| 16.7 | Upper gastrointestinal X-ray | 185 | - |
| 16.8 | Lower gastrointestinal X-ray | 186 | - |
| 16.9 | Intravenous pyelogram | 187 | - |
| 16.10 | Cerebral arteriogram | 188 | - |
| 16.11 | Contrast aortogram | 189 | - |
| 16.12 | Contrast arteriogram of femoral and lower extremity arteries | 190 | - |
| 16.13 | Arterio- or venogram (not heart and head) | 191 | - |
| 16.14 | Diagnostic ultrasound | 192 193 194 195 196 197 | - |
| | 16.14.1 Diagnostic ultrasound of head and neck | 192 | - |
| | 16.14.2 Diagnostic ultrasound of heart (echocardiogram) | 193 | - |
| | 16.14.3 Diagnostic ultrasound of | 194 | - |

| | | | | |
|---------|--|--------------------|---|------|
| | gastrointestinal tract | | | |
| 16.14.4 | Diagnostic ultrasound of urinary tract | 195 | - | |
| 16.14.5 | Diagnostic ultrasound of abdomen or retroperitoneum | 196 | - | |
| 16.14.6 | Other diagnostic ultrasound | 197 | - | |
| 16.15 | Magnetic resonance imaging | 198 | - | |
| 16.16 | Electroencephalogram (EEG) | 199 | - | |
| 16.17 | Nonoperative urinary system measurements | 200 | - | |
| 16.18 | Cardiac stress tests | 201 | - | |
| 16.19 | Electrocardiogram | 202 | - | |
| 16.20 | Electrographic cardiac monitoring | 203 | - | |
| 16.21 | Swan-Ganz catheterization for monitoring | 204 | - | |
| 16.22 | Arterial blood gases | 205 | - | |
| 16.23 | Microscopic examination (bacterial smear, culture, toxicology) | 206 | - | |
| 16.24 | Radioisotope scan | 207 208 209 210 | - | |
| 16.24.1 | Radioisotope bone scan | 207 | - | |
| 16.24.2 | Radioisotope pulmonary scan | 208 | - | |
| 16.24.3 | Radioisotope scan and function studies | 209 | - | |
| 16.24.4 | Other radioisotope scan | 210 | - | |
| 16.25 | Therapeutic radiology | 211 | - | |
| 16.26 | Physical therapy | 212 213 214 215 | - | |
| 16.26.1 | Diagnostic physical therapy | 212 | - | |
| 16.26.2 | Physical therapy exercises, manipulation, and other procedures | 213 | - | |
| 16.26.3 | Traction, splints, and other wound care | 214 | - | |
| 16.26.4 | Other physical therapy and rehabilitation | 215 | - | |
| 16.27 | Respiratory intubation and mechanical ventilation | 216 | - | |
| 16.27.1 | Endotracheal intubation | - | | 9604 |
| 16.27.2 | Continuous mechanical ventilation less than 96 hours | - | | 9671 |
| 16.27.3 | Continuous mechanical ventilation | - | | 9672 |

| | | | | | | | | |
|---------|--|-----|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| | 96 hours or more | | | | | | | |
| 16.27.4 | Other respiratory intubation and mechanical ventilation | - | 9390 9670 | 9392 | 9601 | 9602 | 9603 | 9605 |
| 16.28 | Other respiratory therapy | 217 | - | | | | | |
| 16.28.1 | Respiratory medication administered by nebulizer | - | 9394 | | | | | |
| 16.28.2 | Oxygen therapy | - | 9396 | | | | | |
| 16.28.3 | Other respiratory treatments | - | 9391 | 9399 | | | | |
| 16.29 | Psychological and psychiatric evaluation and therapy | 218 | - | | | | | |
| 16.29.1 | Psychiatric drug therapy | - | 9421 | 9422 | 9423 | 9424 | 9425 | |
| 16.29.2 | Electroconvulsive therapy | - | 9427 | | | | | |
| 16.29.3 | Individual psychotherapy | - | 9431 9437 | 9432 9438 | 9433 9439 | 9434 | 9435 | 9436 |
| 16.29.4 | Other psychological and psychiatric evaluation and therapy | - | 9401 9412 9442 9451 | 9402 9413 9443 9452 | 9403 9419 9444 9453 | 9408 9426 9445 9454 | 9409 9429 9446 9455 | 9411 9441 9449 9459 |
| 16.30 | Alcohol and drug rehabilitation/detoxification | 219 | - | | | | | |
| 16.30.1 | Alcohol rehabilitation | - | 9461 | | | | | |
| 16.30.2 | Alcohol detoxification | - | 9462 | | | | | |
| 16.30.3 | Alcohol rehabilitation/detoxification | - | 9463 | | | | | |
| 16.30.4 | Drug rehabilitation | - | 9464 | | | | | |
| 16.30.5 | Drug detoxification | - | 9465 | | | | | |
| 16.30.6 | Drug rehabilitation and detoxification | - | 9466 | | | | | |
| 16.30.7 | Alcohol and drug rehabilitation | - | 9467 | | | | | |
| 16.30.8 | Alcohol and drug detoxification | - | 9468 | | | | | |
| 16.30.9 | Alcohol and drug rehabilitation and detoxification | - | 9469 | | | | | |
| 16.31 | Ophthalmologic and otologic diagnosis and treatment | 220 | - | | | | | |
| 16.32 | Nasogastric tube | 221 | - | | | | | |
| 16.33 | Blood transfusion | 222 | - | | | | | |
| 16.34 | Enteral and parenteral nutrition | 223 | - | | | | | |
| 16.35 | Cancer chemotherapy | 224 | 0015 | | | | | |
| 16.36 | Conversion of cardiac rhythm | 225 | - | | | | | |
| 16.37 | Other diagnostic radiology and related techniques | 226 | - | | | | | |

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|---------|---|-----|------|------|------|------|------|------|--|
| 16.38 | Other diagnostic procedures (interview, evaluation, consultation) | 227 | - | | | | | | |
| 16.39 | Prophylactic vaccinations and inoculations | 228 | - | | | | | | |
| 16.40 | Nonoperative removal of foreign body | 229 | - | | | | | | |
| 16.41 | Extracorporeal shock wave lithotripsy, other than urinary | 230 | - | | | | | | |
| 16.42 | Other therapeutic procedures | 231 | - | | | | | | |
| 16.42.1 | Inject antibiotic | - | 0014 | 9921 | | | | | |
| 16.42.2 | Other phototherapy (newborn) | - | 9983 | | | | | | |
| 16.42.3 | Injection of thrombolytic agent (not coronary) | - | 9744 | 9910 | 9975 | | | | |
| 16.42.4 | Other therapies | - | 0011 | 0012 | 0013 | 0016 | 0017 | 0018 | |
| | | | 0092 | 0093 | 9230 | 9231 | 9232 | 9233 | |
| | | | 9395 | 9397 | 9398 | 9657 | 9658 | 9659 | |
| | | | 9715 | 9716 | 9729 | 9738 | 9739 | 9779 | |
| | | | 9781 | 9783 | 9784 | 9785 | 9787 | 9789 | |
| | | | 9911 | 9912 | 9913 | 9914 | 9916 | 9917 | |
| | | | 9918 | 9919 | 9920 | 9922 | 9923 | 9924 | |
| | | | 9926 | 9927 | 9929 | 9971 | 9972 | 9973 | |
| | | | 9974 | 9975 | 9976 | 9978 | 9979 | 9981 | |
| | | | 9984 | 9985 | 9986 | 9988 | 9991 | 9992 | |
| | | | 9998 | 9999 | | | | | |

ⁱExpanded procedure categories can consist of groups of Clinical Classification Software (CCS) categories, individual CCS categories, or individual ICD-9-CM codes. For information on constituent ICD-9-CM codes for CCS categories listed here, refer to Appendix B.